



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Short, et al.  
Serial No. : 09/866,379  
Filed : May 24, 2001  
Title : RECOMBINANT BACTERIAL PHYTASES AND USES THEREOF

Art Unit : 1652  
Examiner : Delia M. Ramirez, Ph.D.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 and §1.98**

Sir:

Enclosed for filing in the above-referenced patent application is a Form PTO-1449, being submitted after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180, in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other necessary charges, and apply all credits, to Deposit Account No. 06-1050. The following documents related to this supplemental information disclosure statement are enclosed herewith:

- copy of Form PTO-1449
- copies of cited references

Applicants respectfully request consideration of the remarks and references set forth herein.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

06/04/2003 RMEBRAHT 00000077 09866379

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DATE OF DEPOSIT  
MAY 28, 2003

SIGNATURE  
Susan Sesnovich

TYPED OR PRINTED NAME OF PERSON SIGNING CERTIFICATE  
SUSAN SESNOVICH

Applicant : Short, et al.  
Serial No. : 09.866,379  
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Page : 2 of 2

Attorney's Docket No.: 09010-029006 / DIVER1370-7



### REMARKS

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

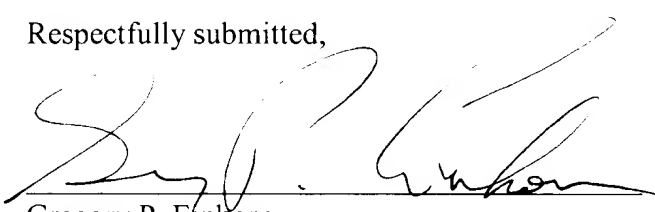
This submission is a supplemental Information Disclosure Statement (IDS). The prior IDS and PTO FORMs 1449 were submitted September 20, 2002, September 9, 2002, February 12, 2003 and February 24, 2003.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

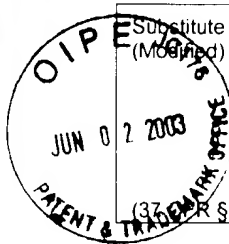
If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 5070.

Respectfully submitted,

Date: May 27, 2003

  
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 Substitute Form PTO-1449  
 (Modified)

 U.S. Department of Commerce  
 Patent and Trademark Office

 Attorney's Docket No.  
 09010-029006

 Application No.  
 09/866,379

**Information Disclosure Statement  
 by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

 Applicant  
 Short, et al.

 Filing Date  
 May 24, 2001

 Group Art Unit  
 1652

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH							
	AI							
	AJ							
	AK							
	AL							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AM	Broun, et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids", <u>Science</u> , Vol. 282, pp. 1315-1317, 13 November 1998
	AN	Van de Loo, et al., "An oleate 12-hydroxylase from Ricinus communis L. is a fatty acyl desaturase homolog", <u>Proc. Natl. Acad. Sci.</u> , Vol. 2, pp. 6743-6747, 1995
	AO	Seffernick, et al., "Melamine Deaminase and Atrazine Chlorohydrolase: 98 percent Identical but Functionally Different", <u>Journal of Bacteriology</u> , Vol. 183, No. 8; pp. 2405-1410, April, 2001
	AP	Bork, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle", <u>Genome Research</u> , Vol. 10, pp. 398-400, 2000

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.